

DERWENT-ACC-NO: 2003-893843

DERWENT-WEEK: 200530

COPYRIGHT 2007 DERWENT INFORMATION LTD

TITLE: Method for planting flock on textile and device thereof

INVENTOR: LEE, B G

PATENT-ASSIGNEE: LEE B G[LEEBI]

PRIORITY-DATA: 2002KR-0004175 (January 24, 2002)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES MAIN-IPC		
KR 464136 B	January 3, 2005	N/A
000 D06C 011/00		
KR 2003063833 A	July 31, 2003	N/A
001 D06C 011/00		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR 464136B	N/A	2002KR-0004175
January 24, 2002		
KR 464136B	Previous Publ.	KR2003063833
N/A		
KR2003063833A	N/A	2002KR-0004175
January 24, 2002		

INT-CL (IPC): D06C011/00

ABSTRACTED-PUB-NO: KR2003063833A

BASIC-ABSTRACT:

NOVELTY - A method for planting flock on textile and a device thereof are characterized by planting the flock by an electrostatic adsorption method, absorbing unplanted flock, going a jig from a printing unit to an absorbing unit in order and planting the flock on a pattern part. The method and the device planting the flock are capable of reusing the flock,

preventing
surroundings pollution, increasing productivity, automating a
planting process,
reducing the amount of materials used and flocking various colors.

DETAILED DESCRIPTION - The planting method of the flock comprises the steps of:
coating a surface of the textile with a thermosetting adhesive on a proper
pattern to print; bonding the flock on the adhesive to flock; heat-drying the
textile bonded the flock and the adhesive; brushing the flock to raise the
flock; and then absorbing the unplanted flock. The planting device of the
flock is comprised of: a printing unit(10) through hole which is formed on a
screen, having proper pattern; a screen supplied with the adhesive; a coating
device for coating the surface with the adhesive through the through hole; a
flocking unit(20) for planting the flock on the adhesive; a heat-drying
unit(30) for heat-drying the textile; a brushing unit(50) for raising the
planted flock; and the absorbing unit(60) for absorbing the unplanted flock.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: METHOD PLANT FLOCK TEXTILE DEVICE

DERWENT-CLASS: F07

CPI-CODES: F03-D03;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2003-253942